

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Original): An antenna for a medical device programmer, wherein the antenna defines an aperture with a channel formed to hold a portion of an item of clothing associated with a patient and thereby hold the antenna in a substantially fixed position relative to an implantable medical device.

Claim 2 (Original): The antenna of claim 1, wherein the aperture comprises a wide end to insert the portion of the item of clothing.

Claim 3 (Original): The antenna of claim 2, wherein the channel is substantially narrower than the wide end of the aperture.

Claim 4 (Currently Amended): The antenna of claim 1, further comprising a cable for connection of the antenna to the medical device programmer.

Claim 5 (Original): The antenna of claim 1, further comprising grip surfaces to grip the antenna.

Claim 6 (Original): The antenna of claim 5, wherein the grip surfaces are rubberized.

Claim 7 (Original): The antenna of claim 1, wherein the aperture comprises a wide end with a tear drop-like shape to insert the portion of the item of clothing.

Claim 8 (Original): The antenna of claim 1, further comprising an insulative telemetry head housing that encases the antenna.

Claim 9 (Original): A method comprising:

positioning an antenna relative to an implanted medical device, wherein the antenna defines an aperture with a channel; and

pulling a portion of an item of clothing through the channel in the antenna to thereby hold the antenna in a substantially fixed position relative to the implantable medical device.

Claim 10 (Original): The method of claim 9, wherein the aperture comprises a wide end to insert the portion of the item of clothing.

Claim 11 (Original): The method of claim 10, wherein the channel is substantially narrower than the wide end of the aperture.

Claim 12 (Original): The method of claim 9, wherein the antenna includes a cable, the method further comprising connecting the cable to the medical device programmer.

Claim 13 (Original): The method of claim 9, further comprising gripping grip surfaces on the antenna during positioning of the antenna.

Claim 14 (Original): The method of claim 13, wherein the grip surfaces are rubberized.

Claim 15 (Original): The method of claim 9, wherein the aperture comprises a wide end with a tear drop-like shape to insert the portion of the item of clothing.

Claim 16 (Previously Presented): The antenna of claim 1, wherein the medical device programmer is a neurostimulator programmer.

Claim 17 (Previously Presented): The antenna of claim 9, wherein the medical device is a neurostimulator.

Claim 18 (Previously Presented): A medical device programmer comprising:

- a device housing;
- telemetry circuitry mounted within the device housing;
- an antenna defining an aperture with a channel formed to hold a portion of an item of clothing associated with a patient and thereby hold the antenna in a substantially fixed position relative to an implantable medical device;
- a cable to couple the antenna to the telemetry circuitry; and
- control circuitry to control the telemetry circuitry to transmit information to the implantable medical device via the antenna, and receive information from the implantable medical device via the antenna.

Claim 19 (Previously Presented): The medical device programmer of claim 18, wherein the aperture comprises a wide end to insert the portion of the item of clothing.

Claim 20 (Previously Presented): The medical device programmer of claim 19, wherein the channel is substantially narrower than the wide end of the aperture.

Claim 21 (Previously Presented): The medical device programmer of claim 18, further comprising grip surfaces to grip the antenna.

Claim 22 (Previously Presented): The medical device programmer of claim 21, wherein the grip surfaces are rubberized.

Claim 23 (Previously Presented): The medical device programmer of claim 18, wherein the aperture comprises a wide end with a tear drop-like shape to insert the portion of the item of clothing.

Claim 24 (Previously Presented): The medical device programmer of claim 18, further comprising an insulative telemetry head housing that encases the antenna.

Claim 25 (Previously Presented): An antenna for a medical device programmer, the antenna comprising:

an antenna head; and

means for attaching the antenna head to an item of clothing associated with a patient and thereby hold the antenna in a substantially fixed position relative to an implantable medical device.

Claim 26 (Previously Presented): The antenna of claim 25, wherein the medical device is a neurostimulator.

Claim 27 (New): An antenna for a medical device programmer, wherein the antenna defines an aperture with a wide end to insert a portion of an item of clothing associated with a patient and a channel that is substantially narrower than the wide end of the aperture, wherein the channel is formed to hold the portion of the item of clothing and thereby hold the antenna in a substantially fixed position relative to an implantable medical device.

Claim 28 (New): A method comprising:

positioning an antenna relative to an implanted medical device, wherein the antenna defines an aperture with a wide end and a channel that is substantially narrower than the wide end of the aperture;

inserting a portion of an item of clothing associated with a patient into the wide end of the aperture; and

pulling the portion of the item of clothing through the channel of the aperture to thereby hold the antenna in a substantially fixed position relative to the implantable medical device.

Claim 29 (New): A medical device programmer comprising:

- a device housing;
- telemetry circuitry mounted within the device housing;
- an antenna defining an aperture with a wide end to insert a portion of an item of clothing associated with a patient and a channel that is substantially narrower than the wide end of the aperture, wherein the channel is formed to hold the portion of the item of clothing and thereby hold the antenna in a substantially fixed position relative to an implantable medical device;
- a cable to couple the antenna to the telemetry circuitry; and
- control circuitry to control the telemetry circuitry to transmit information to the implantable medical device via the antenna, and receive information from the implantable medical device via the antenna.